

## INK-JET RECORDING DEVICE

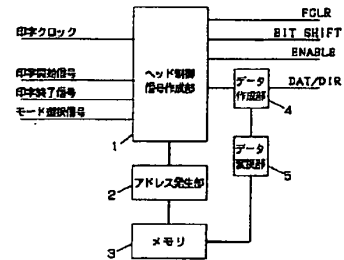
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[57] Abstract:

PURPOSE: To provide an ink-jet recording device capable of preventing a crosstalk by simple constitution and capable of increasing a maximum driving frequency.

CONSTITUTION: A head control signal preparation section 1 prepares each signal of an FCLR signal, a BIT SHIFT signal, an ENABLE signal and a DAT/DIR signal on the basis of a reference clock. Address data for reading data from a memory 3, in which printing data are stored in response to printing modes, are prepared by a mode selecting signal. As for printing modes, all the nozzles are divided into two groups. In each group, nozzles are divided and driven, that is,  $(2n-1)$ th nozzles, where  $n$  expresses positive integers are printed in order block by block first, and then  $2n$ th nozzles are printed in order block by block. Accordingly, ink is filled sufficiently, and the maximum driving frequency of printing can be increased.

[51] Int'l Class: B41J00213